



QUALITY SYSTEMS REQUIREMENTS

NOVEMBER 3, 1997

**DEFENSE PERSONNEL SUPPORT CENTER
2800 South 20th Street, Philadelphia, PA 19145-5099**



DEFENSE LOGISTICS AGENCY
DEFENSE PERSONNEL SUPPORT CENTER
2800 SOUTH 20TH STREET
PHILADELPHIA, PENNSYLVANIA 19145-5099

DPSCM 4155.3

DPSCM 4155.3

DPSC-FN

November 3, 1997

FOREWORD

This manual is only applicable to DPSC contracts. It defines the minimum contractual quality system requirements.

The requirements described in this manual do not limit or abrogate the rights afforded to the Government by any other clause or provision in the contract.

This manual will be cited in appropriate DPSC contracts and should be read in its entirety. It incorporates major changes which include the provisions for contractor testing under the Source Sampling Program and Toxicity Disclosure requirement.

A clause entitled "Identification of Qualified Laboratory and Source Sampling" will be cited in appropriate DPSC Clothing and Textile contracts. This clause will require application of the procedures set forth in the Contractor's Laboratories/Source Sampling Program discussed in this manual.

FOR THE COMMANDER:

B. ARINSBERG
Chief, Base Supply and
Administrative Support Div
Directorate of Support

DISTRIBUTION:
Special

This document supersedes DPSCM 4155.3 TEST DOCUMENT, dated 27 September 1991.

TABLE OF CONTENTS

<u>PART I - CONTRACTOR TESTING</u>	<u>PAGE</u>
1. Contractor's Obligation for Testing	1
2. Lot Formation	1
3. Contractor's Laboratories	2
4. Certificate of Compliance	2
5. Government Acceptance Testing	2-3
6. Government Verification Testing Program	3-5
7. Exhibit Forms	5-10
<u>PART II - CONTRACTOR EXAMINATION</u>	
1. Contractor's Obligation for Examination	11
2. Obligation for Performing Tightened Inspection	11
3. Presentation of End Item Lots	11
4. Exhibit Forms	11-19
<u>PART III - GENERAL REQUIREMENTS</u>	
1. Unacceptable Lots	20
2. Government Verification Samples	20
3. Government Reliance on Contractor Inspection and Quality Control	20
4. Responsible Authority as Applicable to ANSI-ASQC Z 1.4	20
5. Material Inspection and Receiving Report (DD Form 250)	20
6. Inspection Records	20
7. First Article	21
8. Federal Supply Classifications	21
<u>PART IV - SPECIAL REQUIREMENTS</u>	
1. Control of Stitch Count	22
2. Marking of Fabric Piece Number	23
3. Lot Numbering	23
4. Lot Identification of Interior & Exterior Containers	23
5. Identification Labels	24
6. Lot Identification - Textiles	24
7. Toxicity Requirement	24
8. Approved Finishes	24

PART I CONTRACTOR TESTING

1. Contractor's Obligations for Testing:

a. The contractor shall perform all tests required by the contract on each shipment or testing lot for each component or end item. A certified test report which contains all test results shall be forwarded to the Government. Testing shall be performed by a authorized facility cited on the active contract. Testing facilities shall be subject to on-site witnessing of testing by the Government in accordance with contract clause "Identification of Qualified Laboratory and Source Sampling".

b. The certified test report presented to the Government shall be not older than ninety (90) days. A separate report shall be provided from each facility when a single lot of material is tested by more than one facility for different characteristics.

c. Unless otherwise specified, the contractor will not be required to perform testing on Government Furnished Material (GFM).

d. For fiberboard boxes, the box maker must assure that his box maker's certificate appears on each box. The Government retains the right to require verification testing if deemed necessary.

e. For metal heraldic items (medals, decorations, badges, insignia, service ribbons) and embroidered insignias, use of one end item test reports for combining items in testing is authorized. Certification of test reports for embroidered insignia must state that the same yarn was employed in the embroidery of all designs in the lot and that the quantity (lbs.) of yarn involved in embroidering the end item is indicated in the report.

2. Lot Formation:

a. Component Testing. A lot is a completed homogeneous production run of a fixed quantity of items from which the required testing samples are randomly selected. The original lot size and sample size shall be indicated on the test report. Partial (incremental) shipments are permitted by the supplier after the lot has been sampled, but the test report shall not be adjusted to reflect partial shipments. The contractor will consolidate to the maximum extent possible separate component shipments of the same supplier's production lot to preclude multiple sampling and testing of the same lot by the contractor or government laboratories.

b. End Item Testing. For end item testing, all tests shall be based on a definite lot amount, and the test results and report will apply solely to this amount. The lot formed for end item testing will correspond in quantity to the lot formed for end item examination. For end item testing of metallic heraldic items and embroidered insignia, the procedures in paragraph a. above are to be followed.

3. Contractor's Laboratories:

a. The Qualified Laboratories List (QLL) previously maintained by DPSC has been canceled. Laboratories identified by the contractor as potential testing sites for active contracts will be surveyed by the Government as necessary. It is the contractor's responsibility to identify the testing site(s) that will perform required testing during the life of the contract. The government reserves the right to verify the contractor's testing laboratories at any time during the life of an active contract to assure validity of test results and capability of performing the required tests. The use of a laboratory previously surveyed by the Government is not a guarantee that testing will be performed properly, nor does it relieve a contractor from his contractual obligation to present conforming supplies accompanied by true, accurate and valid test results.

b. Contractors are required to use only those laboratories that they have identified and have been authorized by the contract under clause entitled "Identification of Qualified Laboratory and Source Sampling" on an active DPSC contract.

4. Certificate of Compliance:

Unless otherwise specified, if the total cost of a component required for the entire contract quantity does not exceed \$75,000, the contractor will provide to the Government a certificate of compliance for such component (see Exhibit C). All certificates shall be supported by test reports to ascertain their validity. The Government reserves the right to check test items under Certificate of Compliance to determine the validity of the certification.

5. Government Acceptance Testing:

a. Unless otherwise stated in the contract, Government laboratory testing for acceptance purposes will normally be completed in 30 calendar days. The contract delivery requirements are based on the assumption that the Government will require a total of 30 calendar days from the date of the receipt of samples at the Government laboratory to the date the completed test results are mailed to the contractor. If this time frame is exceeded, the contract delivery schedule will be extended by the number of additional days needed to complete the testing, provided the contractor can establish that the delay in its delivery was caused by the Government exceeding the prescribed time. The foregoing provision for the extension of delivery schedules is exclusive and the Government shall not be liable to suit for breach of contract by reason of any delay of the Government in providing test results.

b. Shade evaluation is acceptance testing; each lot must be submitted for evaluation. Lots will not be shipped until shade is approved by DPSC. The following sampling procedure will be followed:

(1) The prime contractor will require the textile component supplier to present to the source QAR the complete lot prepared for shipment, a set of tally sheets by shipment listing case numbers, roll numbers and yardage of each roll and a shade swatch (header) from each roll with roll and case numbers identified on each swatch. The swatches will be at least 12 inches by full width for multi-colored camouflage cloth and 4 X 24 inches for all single color rolls to provide sufficient area for numerical color measurements.

(2) When Clause 52.246-9P05, 100% Shade Swatching, is specified in the contract, the finishing plant will comply with the 100 % Shade Swatching clause. Swatches (headers) of the size indicated above will be cut in half to form set A and set B. Set A, with DD Form 1222 will be sent for evaluation to the following address (formerly DPSC Laboratory):

DLA Product Testing Center (Analytical)
2800 South 20th Street
Bldg 15
Philadelphia, PA 19145-5000

Set B will be cut in half, one set will be sent to the prime QAR for lot integrity, the other set will be retained by the source.

(3) When Clause 52.246-9P04, Shade Evaluation (Contractor Furnished Single Colored Components), or alternate clause 52.246-9P04, Shade Evaluation (Contractor Furnished Multicolored Cloth), is specified, the source QAR will sample for shade in accordance with contractual requirements. Swatches (headers) of the size indicated above will be taken from each roll and cut in half to form sets - A and B. The required number of shade samples will be selected at random from set A by the source QAR stamped with the QAR's seal, and forwarded to Product Testing Center in Philadelphia along with a signed DD Form 1222. The swatches from set B will be cut in half; one set will be sent to the prime QAR with tally sheets for lot integrity and the other set will be retained by the source.

(4) When no shade clause is cited in the contract, the source QAR will perform in-house shade evaluation according to the requirements cited in the specification.

(5) DPSC Point of contact for results of shade evaluations is DPSC-FRDC, (215)737-3236.

6. Government Verification Testing Program:

a. This program provides a procedure for administering Source Sampling Testing of DPSC C & T contracts. The procedure is based on selecting samples for testing at contractor designated source(s) and the use of contractor's laboratories surveyed and authorized by DPSC.

b. The prime contractor or authorized contractor representative shall notify the DPSC Product Group Textile Technologist, (see below) in writing, at least ten (10) calendar days in advance prior to when lots are to be presented so that visits can be scheduled to witness testing as required.

<u>OFFICE</u>	<u>OFFICE SYMBOL</u>	<u>TELEPHONE NUMBER</u>	<u>FAX NUMBER</u>
Special Purpose Clothing	DPSC-FOET	(215)737-3037	2406
Tentage & Heraldics	DPSC-FOTT	(215)737-2438	5694
Dress Clothing	DPSC-FRDC	(215)737-3235	7255
Field Clothing	DPSC-FRFC	(215)737-3259	7429
New Technologies	DPSC-FNSE	(215)737-8089	3172

c. DPSC contracts require source sampling of Contractor Furnished Material (CFM) at finishing plants. The following provisions apply to sample selection and lot acceptance.

(1) The Prime QAR shall delegate to the source QAR the responsibility for source sampling and submission of Contractor Furnished Material (CFM).

(2) Upon presentation of a lot, the source QAR will draw samples and forward them for testing by the contractor's laboratory specified in the contract. The source QAR is not required to draw or forward "side-by-side" samples to DCSC Philadelphia Testing Center unless officially notified (via QALI or as annotated on DPSC Form 3440) by the Product Group Textile Technologist. DD Form 1222 documentation is required to be submitted to DPSC for every sample drawn by the source QAR.

NOTE: IT IS ESSENTIAL THAT THE CONTRACTUAL END ITEM, NOT THE COMPONENT FOR TESTING, BE CITED IN BLOCK 5 OF THE DD FORM 1222.

(3) When notified by DPSC Product Group Textile Technologist that side-by-side samples are required, the component supplier will allow the source QAR to cut side-by-side samples in accordance with contractual requirements. One set will be sent to the laboratory designated by the prime contractor for testing; the other set along with DD Form 1222 documentation will be sent to the DLA Product Testing Center indicated above. When multiple contracts are cited to receive a portion of the quantity represented in block number 11 of DD Form 1222, Exhibit AB Form, Attachment Sheet for Multiple Contractors, showing the yardage distribution, must be included.

(4) Shipment of component lots from the source to prime contractor need not be deferred except for government acceptance testing (i.e., shade evaluation). Commencement of production prior to receipt of a passing test report from the contractor authorized laboratory is solely at the contractor's risk.

(5) The contractor is required to ensure at a minimum, that a complete test report for all lots is furnished to the Government representative (QAR) at the source and the appropriate Product Group Textile Technologist at DPSC.

(6) The Government reserves the right to select any component sample for government verification testing.

(7) End item lots, if required for testing, will be presented to the QAR for sampling. One set of samples will be forwarded by the end item QAR for testing by the prime contractor's laboratory. A duplicate set of test samples will be drawn only if notified by DPSC Product Group Textile Technologist, and sent to DLA Product Testing Center via DD Form 1222. In all cases, the samples will be randomly selected by the end item QAR. The Contractor's personnel are not permitted to assume these duties under any circumstances. The contractor will provide copies of completed test reports and/or certificates of compliance to the Government representative (QAR). The prime contractor or his designated subcontractor is considered the source for sampling and submittal of end item samples for testing.

d. Lot Integrity:

(1) The prime contractor will require the textile component supplier to present to the source QAR the complete lot prepared for shipment, a set of tally sheets by shipment listing case numbers, roll numbers and yardage of each roll, and a swatch (header) from each roll, with roll and case numbers identified on each swatch.

(2) The source QAR will verify the integrity of the headers and roll numbers with the tally sheets by comparing the shade of the test samples selected for verification to the corresponding header.

(3) The QAR at the prime contractor's facility will verify the integrity of the component lots by matching shipping documents with tally sheets and by comparing the shade of at least 1% of rolls received with swatches received from set B submitted by the source QAR. Samples of a questionable match will be sent to the DLA Product Testing Center with DD Form 1222 marked "Evaluate for Lot Integrity".

7. Exhibit Forms:

- Exhibit A - End Item Test Report
- Exhibit B - Component Test Report
- Exhibit AB - Attachment Sheet for Multiple Contractors
- Exhibit C - Certificate of Compliance

Test reports and certificates shall contain the information demonstrated in Exhibits A-C.

Note 1: Where any of the above test reports, certificates or attachment require insertion of Government lot or sample numbers, such numbers will be designated by the QAR. It is essential that The QAR annotate the DD Form 1222, Block 5 the contractual end item and Block 16 the contractor's laboratory name.

Note 2: All certifications made under the contract are covered by a statutory provision regarding false statements, U.S.C. Title 18, Section 1001, which provides a fine of not more than \$10,000.00 or imprisonment for not more than five (5) years, or both.

Note 3: Where contractors have computerized their material certification for components and end items, the test reports shall have an actual or facsimile signature, or have attached to the test reports a letter signed by the corporate/company officer attesting that the contractor is using a computerized system, the typed name on the report is an authorized employee, and the contractor is liable for the information it contains.

Note 4: Test reports on components must contain certification by the laboratory and the supplier that only those samples drawn by the government QAR were tested and the test report represents a sample size consistent with applicable specification requirements.

Note 5: Should the government (DPSC representative) elect not to witness on-site testing, one of the following will apply:

a. When side by side samples are not required. The contractor will assure that all required tests are completed in accordance with contractual requirements and assure that test report is forwarded to DPSC.

b. Correlation Testing. Side by side sampling will be performed by the government source QAR. Both the government and the contractor's laboratories will perform same testing to correlate results. The contractor's tests results will be used for acceptance/rejection purposes; however, if results for correlation testing indicate significant variation between the government and contractor, on site survey and/or additional testing shall be performed to assure the validity of test results.

c. Government Verification Testing. Side by side sampling will be performed by the government source QAR. Both the government and the contractor's laboratories will perform same testing. The government's tests results will be used for acceptance/rejection purposes.

EXHIBIT A

ENTER THE NAME AND COMPLETE ADDRESS OF THE PLACE WHERE TESTING WAS PERFORMED. SEPARATE TEST REPORTS ARE REQUIRED FROM EACH LABORATORY PERFORMING TESTING.	LABORATORY: ROCCIA FOOTWEAR COMPANY 854 E. CHELTEN LANE NASHVILLE, TENN. 48231				ENTER THE GOV'T END ITEM LOT NUMBER, INDICATE TOTAL QUANTITY IN LOT REPRESENTED BY SAMPLES TESTED.
ENTER THE NOMENCLATURE OF THE ITEM TESTED (INCLUDING THE CONTRACT LINE ITEM NUMBER), THE SPECIFICATION NUMBER AND DATE, AND THE APPLICABLE AMENDMENT AND DATE FOR THE MATERIAL BEING TESTED. ALSO INDICATE ANY CONTRACTUAL EXCEPTIONS BY ADDING "W/C".	PRODUCT: BOOT, INTERMEDIATE COLD/WET SPECIFICATION: MIL-B-44426B, DATED 22 FEBRUARY 1996 IDENTIFICATION & QUANTITY: GOVT. LOT # 16, 1200 PAIR TESTING COMPLETED: SEPTEMBER 29, 1996.				ENTER THE DATE TESTING WAS COMPLETED.
ENTER A LIST OF THE QUALITY CHARACTERISTICS FOR WHICH TESTS ARE REQUIRED, INCLUDING THE UNIT OF MEASURE IN WHICH THE QUALITY CHARACTERISTIC IS EXPRESSED; E.G., "TENSILE STRENGTH IN POUNDS PER SQUARE INCH".	TEST UNIT OF MEASURE	RESULTS	LOT AVG.	REQUIREMENT	ENTER THE CONTRACT TEST REQUIREMENTS EXPRESSED AS MINIMUM WHEN APPLICABLE AND WHETHER THE REQUIREMENT APPLIES TO THE LOT AVERAGE OR SAMPLE UNIT.
	LEAKAGE TEST	PASS	PASS	PASS OR FAIL	
	BOND STRENGTH (OUTSOLE TO MIDSOLE)	190 LBS. 172 LBS. 163 LBS. 185 LBS. 175 LBS.	177 LBS.	100 LBS. MIN.	
ENTER FOR EACH TEST CHARACTERISTIC, THE ANALYTICAL RESULTS, INCLUDING ALL DETERMINATIONS MADE ON EACH SAMPLE UNIT, THE RESULT FOR EACH SAMPLE UNIT AND THE LOT AVERAGE WHEN THERE IS A LOT AVERAGE REQUIREMENT.	I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that this is the only sample presented for testing from this lot.				ENTER A STATEMENT OF THE TEST RESULTS INCLUDING THE GOV'T LOT AND SAMPLE NUMBER, THE QUANTITY IN THE LOT AND THE CONTRACT NUMBER. THIS ENDORSEMENT MAY BE ON THE REVERSE SIDE. ENDORSEMENT BY APPENDAGE IS NOT ACCEPTABLE.
ENTER THE SIGNATURE AND TITLE OF THE LABORATORY OFFICIAL SIGNING THE REPORT.	DATE: SEPTEMBER 29, 1996 LAB MANAGER ROCCIA COMPANY				ENTER THE CERTIFICATION SHOWN HEREIN.
ENTER THE SIGNATURE AND TITLE OF THE CONTRACTOR OR HIS REPRESENTATIVE.	I certify that the boots tested above were randomly selected and represent the lot of end items identified. The test results in this report are submitted as representing tests performed on government lot 16, sample number 3, containing 1200 pair of Boots, Contract SPO100-96-D-1234.				ENTER THE DATE THE REPORT IS SIGNED.
	DATE: SEPTEMBER 29, 1996 OPERATIONS DIR. ROCCIA COMPANY				

EXHIBIT B

ENTER THE NAME AND COMPLETE ADDRESS OF THE PLACE WHERE TESTING WAS PERFORMED IF TESTING IS PERFORMED BY MORE THAN ONE LABORATORY. REPORTS FROM EACH LABORATORY MUST BE SUBMITTED.

ENTER THE NOMENCLATURE OF THE COMPONENT TESTED, THE SPECIFICATION NUMBER AND THE APPLICABLE AMENDMENT AND DATE FOR THE MATERIAL BEING TESTED. ALSO INDICATE ANY CONTRACTUAL OR END ITEM SPEC EXCEPTIONS BY ADDING W/C.

ENTER A LIST OF THE QUALITY CHARACTERISTICS FOR WHICH TESTS ARE REQUIRED, INCLUDING THE UNIT OF MEASURE IN WHICH THE QUALITY CHARACTERISTIC IS EXPRESSED; E.G., "TENSILE STRENGTH IN POUNDS PER SQUARE INCH."

ENTER FOR EACH TEST CHARACTERISTIC, THE ANALYTICAL RESULTS, INCLUDING ALL DETERMINATIONS MADE ON EACH SAMPLE UNIT AND THE LOT AVERAGE WHEN THERE IS A LOT AVERAGE REQUIREMENT.

ENTER THE SIGNATURE AND TITLE OF THE LABORATORY OFFICIAL SIGNING THE REPORT.

ENTER DATE REPORT IS SIGNED.

LABORATORY:
NOVAK TEXTILE PRODUCTS INC.
3100 RYAN ROAD
BRITTANY, MASS.
LABORATORY TEST REPORT

Product: Cloth, Laminated, Waterproof and Moisture Vapor Permeable
For Use In: Boots, Intermediate Cold/Wet
Specification: MIL-B-4426A W/E Contract: SPO100-96-D-0303
Identification: Lot Number 610-961012
Production Run Number: M2466
Government Lot Number: 31
Samples Tested: M2466/A1 R#1, M2466/A2 R#5, M2466/A5 R#2
Test Completed: 21 October 1996 Yardage: 3712

TESTS, UNIT OF MEASURE	RESULTS	LOT AVG	REQUIREMENT
Weight (oz/sq yd)	1 11.3 2 13.7 3 13.2	13.3	11.0 - 15.0 max. (sample average)
	1 14.6 2 13.3 3 14.4	13.3	
	1 13.2 2 13.9 3 13.2	13.2	
	1 13.5 2 13.4 3 13.9	13.4	
	1 13.3 2 13.7 3 13.0	13.0	
	1 13.8 2 13.6 3 13.5	13.6	
Thermal Shrinkage			2.4 % max. (per individual sample unit)
Warp	1 -0.8 2 -0.8 3 -0.5	-0.8	
	1 -0.8 2 -0.8 3 -0.5	-0.8	
	1 -0.8 2 -0.8 3 -0.5	-0.8	
	1 -1.0 2 -0.8 3 -0.8	-0.8	
	1 -0.8 2 -0.8 3 -0.5	-0.8	
	1 -1.0 2 -0.8 3 -1.0	-1.0	
	1 -0.8 2 -1.0 3 -0.8	-0.8	
	1 -0.8 2 -0.8 3 -0.7	-0.8	

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid, and applicable to the samples tested. I certify that this is the only sample(s) presented for testing from this lot.

SIGNED:
QUALITY ASSURANCE MANAGER
NOVAK TEXTILE PRODUCTS, INC.
FABRICS DIVISION

I certify that the samples tested above were randomly selected and represent the lot of components identified above and that the test results in this report are submitted as representing testing performed on a Lot Number 610-961012, Sample Nos. 1, 2, & 3 containing 3712 yards of above item.

DATE: October 21, 1996
SIGNED:
VICE PRESIDENT
NOVAK TEXTILE PRODUCTS, INC.

ENTER THE DATE TESTING WAS COMPLETED.

ENTER THE CONTRACT TEST REQUIREMENTS EXPRESSED AS MINIMUM OR MAXIMUM WHEN APPLICABLE; WHETHER THE REQUIREMENT APPLIES TO THE LOT AVERAGE OR SAMPLE UNIT.

ENTER THE CERTIFICATION SHOWN HEREIN.

ENTER A STATEMENT OF APPLICABILITY OF THE TEST RESULTS INCLUDING THE NAME OF THE SUPPLIER, THE GOVERNMENT COMPONENT LOT, THE APPROXIMATE NUMBER OF END ITEMS TO BE MANUFACTURED FROM THE COMPONENT, THE CONTRACT NUMBER AND THE LINE ITEM NUMBER. THIS ENDORSEMENT MAY BE ON THE REVERSE SIDE. ENDORSEMENT BY APPENDAGE IS NOT ACCEPTABLE.

ENTER THE SIGNATURE AND TITLE OF THE CONTRACTOR'S REPRESENTATIVE.

EXHIBIT AB

QL TEST REPORT NUMBER _____

PRIME CONTRACTOR'S NAME & ADDRESS	CONTRACT NUMBER	GOVERNMENT LOT NUMBER	QUANTITY TO BE RECEIVED

EXHIBIT C

CERTIFICATE OF COMPLIANCE

ACE WIDGET CO.
1 KINGS STREET
HILLS, NJ 11111

PRODUCT: Ink, Marking , Stencil, Opaque
SPECIFICATION: A-A-208, dated 18 April 1981
IDENTIFICATION: Mfg.'s Lot No. 100
QUANTITY: 6 Pints
PURCHASED FROM: Acme Ink Company
DATE PURCHASED: 15 April 1996
LOT NO: 1
SAMPLE NO: 4

PRODUCT: Tape, Gummed, Paper, Plain
SPECIFICATION: A-A-1492A, dated 10 August 1982
IDENTIFICATION: Mfg.'s Lot No. 90
QUANTITY: 200 Rolls
PURCHASED FROM: Toby Supply Company
DATE PURCHASED: 15 April 1996
LOT NO: 1
SAMPLE NO: 5

I certify that the above component(s) presented for acceptance under the terms of Contract Number SPO100-96-C-1000 comply with the applicable specification(s) and contract requirements.

I further certify that the cost of each component listed above, sufficient for the entire contract, does not exceed \$75,000.

SIGNED: _____
PLANT MANAGER
ACE WIDGET CO.
15 May 1996

NOTE: The specification for each product listed below should also identify Type, class, grade, etc. where applicable.

PART II - CONTRACTOR EXAMINATION

1. Contractor's Obligation for Examination:

The contractor is required (unless otherwise specified) to perform all examinations set forth in the contract. The contractor will certify the results of these examinations and have certified records of these examinations available for review by the Government. Records shall be in the format and manner specified in this section and accompanying exhibits, and will be available to the Government prior to Government verification examination. The contractor will perform single sampling according to ANSI-ASQC Z 1.4, unless the contract cites otherwise. Where the end item is being manufactured in more than one facility, the contractor will examine each lot produced at each facility and ensure that each lot retains its identity as a separate inspection lot.

2. Obligation for Performing Tighten Inspection:

Resubmitted Lots:

Notwithstanding any contract provisions, each resubmitted lot previously rejected by either the contractor or the Government shall be re-examined by the contractor using tightened inspection criteria for all the characteristics listed for that category of defects (i.e., visual, dimensional, preparation for delivery) that caused the lot to be rejected. In addition to the above requirements, the Government also requires that the next original lot (for the same item) be examined using tightened inspection criteria, unless otherwise prescribed. All supplies rejected by the Government shall be screened, corrected and re-examined by the contractor using tightened inspection and resubmitted to the Government.

3. Presentation of End Item Lots:

Whenever the contractor presents an examination record for end items to the Government Quality Assurance Representative (QAR), the lot of items represented by the examination record shall be assembled into an identifiable, stationary lot so that the QAR may draw samples to verify the contractor's examination results.

4. Exhibit Forms:

a. Contractor Examination Record (other than yard goods) (Exhibit E-F).

(1) This record will be used by the contractor for end item contracts other than yard goods.

(2) The reverse side (or bottom) of the contractor's examination record for end items shall contain the following certification signed by the contractor or his authorized representative:

"I certify that _____ of _____
(lot size) (end item nomenclature)
identified as inspection Lot No. _____, under Contract Number SPO100 _____ has
been examined in accordance with the requirements of said contract and that this examination
record accurately and completely reflects the results of the examination. I further certify that
these supplies comply in all respects with the requirements of the contract."

- b. Contractor Examination Record (Yard Goods - Point System) (Exhibit G-H). This record will be used by the contractor for yard goods contracts requiring the Point System. Instructions in paragraph 4.a.(2) above and Exhibits G and H will apply.
- c. Contractor Examination Record (Yard Goods ANSI/ASQC Z1.4 Sampling) (Exhibit I-J). This record will be used by the contractor for yard goods contracts requiring sampling in accordance with ANSI-ASQC Z1.4. Instructions in paragraph 4.a.(2) above and Exhibits I and J herein will apply.

EXHIBIT E

- ENTRY 1 - COMPLETE NAME & ADDRESS OF PRIME CONTRACTOR.
- ENTRY 2 - NAME & ADDRESS OF PLANT WHERE EXAMINATION IS PERFORMED.
- ENTRY 3 - DATE EXAMINATION IS PERFORMED.
- ENTRY 4 - COMPLETE ITEM NOMENCLATURE.
- ENTRY 5 - APPLICABLE SPECIFICATION NUMBER, AMENDMENTS, DATE, ETC.
- ENTRY 6 - CONTRACT NUMBER.
- ENTRY 7 - INSPECTION POINT (END ITEM OR INTERMEDIATE).
- ENTRY 8 - LOT NUMBER.
- ENTRY 9 - SIZE OF LOT AND UNITS.
- ENTRY 10 - TYPE OF EXAMINATION.
- ENTRY 11 - CORRESPONDING INSPECTION LEVELS FOR EXAMINATION.
- ENTRY 12 - CLASS OF DEFECTS.
- ENTRY 13 - ACCEPTABLE QUALITY LEVELS SPECIFIED IN THE CONTRACT AND/OR SPECIFICATION FOR EACH CLASS OR CLASSES OF DEFECTS.

CONTRACTOR EXAMINATION RECORD (OTHER THAN YARD GOODS)

CONTRACTOR EXAMINATION RECORD		1. CONTRACTOR Zebra Corp. Phila, PA 19100		2. PLANT LOCATION Same		3. DATE 06/10/96	
4. ITEM Jumper, Man's, Blue		5. SPECIFICATION MIL-J-87053D					
6. CONTRACT NO. SP0100-96-C-0001		7. INSPECTION POINT End Item		8. LOT NO. 02		9. LOT SIZE 6980 Each	
10. EXAMINATION		VISUAL		DIMENSIONAL		PREP FOR DEL	
11. INSPECTION LEVEL		II II		S-3		S-2	
12. CLASS OF DEFECTS		MAJ MIN A		TOT		ONE CLASS	
13. AQL		2.5 10.0		25.0 4.0		4.0	
14. SAMPLE SIZE		200 125		50 20		3	
15. ACCEPT NO.		10 21		2		0	
16. # DEFECT FND		6 14		20 0		0	
17. LOT NUMBERING ERRORS — ACCEPT — REJECT							
SAMPLE SIZE		ILLEGIBLE/INCORRECT/ALTERED				MISSING	
200		ACC NO. 1		REJ NO. 2		NO. FND 0	
18. DISPOSITION		AC/REJ X		AC/REJ X		AC/REJ X	
19. DEFECT(IVE) DESCRIPTION		MAJ		MIN A		MIN B	
VISUAL: Pleat Open Seam M/T 1/4" Raw Edge M/T 1/2" Needle Chew Skipped Stitch Run Off M/T 3/4" Poorly Pressed Hanger Tape L/T 1" Skipped Stitch M/T 1/2" Open Seam - 3/16" But Not M/T 1/4" DIMENSIONAL: None PREP FOR DELIVERY: None		1 2 2 1		3 2 2		1 4 1	
20. REMARKS CERTIFICATION - SEE BACK OF THIS RECORD							
21. INSPECTOR _____							

- ENTRY 14 - SAMPLE SIZE FOR EACH CLASS OF DEFECTS.
- ENTRY 15 - THE ACCEPTABLE NUMBER FOR EACH CLASS OF DEFECTS.
- ENTRY 16 - NUMBER OF DEFECTS FOUND FOR EACH CLASS OF DEFECTS.
- ENTRY 17 - LOT NUMBERING ERRORS.
- ENTRY 18 - INDICATE ACCEPTANCE OR REJECTION.
- ENTRY 19 - DESCRIPTION OF DEFECT FOUND IN SAMPLE.
- ENTRY 20 - SPECIAL REMARKS.
- ENTRY 21 - NAME & SIGNATURE OF CONTRACTOR'S INSPECTOR.

EXHIBIT F

1. NAME & ADDRESS OF PRIME CONTRACTOR.
2. CONTRACT NUMBER.
3. COMPLETE ITEM NOMENCLATURE.
4. DATE EXAMINATION PERFORMED.
5. APPLICABLE SPECIFICATION NUMBERS, AMENDMENTS, DATES, ETC.
6. LOT NUMBER LOT SIZE INDICATE ACCEPTANCE REJECTION.
7. SAMPLE PRESENTED REPRESENTED: SPECIFY.
8. TYPE OF EXAMINATION PERFORMED.
9. VALUE OF POINTS SHOWN IN MIL-STD.
10. SIZE OF SAMPLE SHOWN IN MIL-STD
11. TOTAL NO. OF POINTS SCORED
12. MAX. NO. OF PERMITTED BY MIL-STD
13. IDENTIFY DEFECTS OBSERVED BY NO. LTR. & DESCRIPTION SHOWN IN THE CLASSIFICATION OF DEFECTS IN THE MIL-STD.
14. NAME AND SIGNATURE OF CONTRACTOR'S INSPECTOR.
15. QA MGR. OR OTHER AUTHORIZED SIGNATURE.

CONTRACTOR EXAMINATION RECORD (OTHER THAN YARD GOODS) POINT SYSTEM

1. CONTRACTOR XYZ Corp. 5 Elm St Phila., PA 19100		2. CONTRACT NO. SP0100-96-C-1111		3. ITEM Gloves, Leather Black (Lined)		4. DATE 6/10/96			
5. SPECIFICATION MIL-G-17602E POINT STANDARD MIL-STD-1613A				6. DISPOSITION LOT NO. 1 ACC X LOT SIZE: 3,000 REJ		7. <input type="checkbox"/> FIRST ARTICLE <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESUBMITTED			
8. EXAMINATION:		9. POINT VALUE SELECTED (*)		10. SAMPLE SIZE		11. POINTS SCORED		12. MAX. ACCEPTABLE POINTS	
VISUAL		3 and 2		125 ea		9		19	
		3, 2 and 1		125 ea		20		26	
DIMENSIONAL		1		13 ea		0		1	
PREP/DEL		1		5 ea		0		0	
LOT NO. <input type="checkbox"/> ACCEPT <input type="checkbox"/> REJECT		A. SAMPLE SIZE		B. ILLEGIBLE/INCORRECT ALTERED				C. MISSING	
		125		ACC. #		REJ #		# FOUND	
				0		1		0	
								2 3	
13. DESCRIPTION OF DEFECT * 3									
VISUAL: More than 3 exposed needle holes. More than 3 thread ends not trimmed (L/T 1/2") Loose stitch tension resulting in loose seam Identification and size label illegible (on one glove). Pair not tacked together Cut, more than 1/4" on thumb.									
DIMENSIONAL: None									
PREP FOR DELIVERY: None									
REMARKS: None									
14. <u>QUALITY CONTROL</u> "I certify that 3000 pairs of Black Leather Gloves (Lined) identified as inspection Lot No. 01, under Contract No. SP0100-96-C-1111 has been examined in accordance with the requirements of said contract and that this examination record accurately and completely reflects the results of the examination. I further certify that these supplies comply in all respects with the requirements of the contract." <div>AUTHORIZED REPRESENTATIVE</div>									

EXHIBIT G

- ENTRY 1 - COMPLETE ITEM NOMENCLATURE
- ENTRY 2 - APPLICABLE SPECIFICATION
AMENDMENT NUMBER, DATE, ETC.
- ENTRY 3 - COMPLETE NAME AND ADDRESS
OF PRIME CONTRACTOR
- ENTRY 4 - CONTRACT NUMBER
- ENTRY 5 - NAME AND ADDRESS OF
LOCATION WHERE EXAMINATION
IS PERFORMED
- ENTRY 6 - INDICATE WHETHER LOT IS
ORIGINAL OR RESUBMITTED
- ENTRY 7 - LOT NUMBER
- ENTRY 8 - NUMBER OF YARDS IN THE LOT
- ENTRY 9 - CONTAINER NUMBER
REPRESENTING THE TOTAL LOT
SIZE
- ENTRY 10A - SAMPLE SIZE IN YARDS, ROLLS OR
THRU 14A OTHER UNITS AS APPROPRIATE
- ENTRY 10B - SAMPLE SIZE IN YARDS, ROLLS,
THRU 14B OR OTHER UNITS AS APPROPRIATE
- ENTRY 10C - MAXIMUM POINTS OR DEFECTS
THRU 14C ALLOWED FOR ACCEPTANCE
- ENTRY 10D - THE NUMBER OF POINTS OR
THRU 14D DEFECTS FOUND
- ENTRY 15 - COMPUTE POINTS PER 100 SQ. YDS
USING INDICATED FORMULA
- ENTRY 16 - INDICATE LOT EVALUATION
- ENTRY 17 - ENTER REMARKS PERTINENT TO
THE EXAMINATION
- ENTRY 18 - DATE OF EXAMINATION
- ENTRY 19 - SIGNATURE OF PLANT INSPECTOR

CONTRACTOR EXAMINATION RECORD (YARD GOODS - POINT SYSTEM)

1. ITEM Cloth, Oxford, Cotton Warp and Nylon Filling									
2. SPECIFICATION, DATE AND AMENDMENT NUMBER MIL-C-3924H									
3. CONTRACTOR'S NAME AND ADDRESS A. B. Smith Company 22 Southampton Road Westbrook, NJ 08011						4. CONTRACT NUMBER SP0100-96-C-1111			
5. PLANT NAME AND LOCATION Spectrum Dying Associates Reading, PA 09110									
6. TYPE LOT ___ ORIG ___		7. LOT NO. 07		8. LOT SIZE 24,985 YDS		9. CONTAINER NUMBERS 901-1103			
EXAMINATION a	SAMPLE SIZE b	MAXIMUM POINTS OR DEFECTS ALLOWED c		POINTS OR DEFECTS FOUND d		RESULTS PASS e FAIL f			
10. YARD BY YARD	2000 YD	30 PTS / 100 YDS		15.92		X			
11. LENGTH/PIECE	20 pcs	ACC. NO. - 1		0		X			
12. LENGTH, TOTAL PCS IN SAMPLE	20 pcs	ACC. NO. - 0		0		X			
13. PREP FOR DELIVERY	5 units	ACC. NO. - 0		0		X			
14. DEFECTS MARKING	20 pcs	2 Rolls or 10 Defects		0		X			
15. COMPUTATION (POINTS FOUND X 100 X 36 INCHES DIVIDED BY SAMPLE X SPECIFIED WIDTH EQUALS POINTS PER 100 SQUARE YARDS) $\frac{288 \times 100 \times 36}{2000 \times 45} = 11.52$ Points/100 SQ YDS						16. LOT EVALUATION ___ PASS ___ FAILED			
17. REMARKS:									
18. DATE 06/15/96					19. SIGNATURE OF PLANT MANAGER _____				

NOTE: DEFECTS LISTED ON REVERSE SIDE OF FORM

EXHIBIT H

INSPECTION RESULTS																											
1. CONTAINER, PIECE OR ROLL NO.	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	TOTALS
2. GROSS YARDS MARKED	110 ¹	102	117 ³	93 ⁵	99	111 ⁴	103 ¹	99 ⁵	94 ²	106 ¹	114 ²	89 ⁷	121 ⁶	88 ⁵	124	98 ⁴	102 ⁵	99 ⁵	117 ¹	109 ³							2103 ⁶
3. GROSS YARDS FOUND	109 ⁴	102	117	94 ¹	98 ²	110 ²	104	99 ²	94 ²	105 ²	114 ¹	90 ¹	120 ⁷	89 ⁴	124 ¹	97 ²	102	98 ²	118	108 ¹							2102
4. OVERAGE SHORTAGE	5/8	+6/8	-3/8	+4/8	-1/8	-5/8	+7/8	-3/8	+5/8	-2/8	-6/8	+4/8	-7/8	+7/8	+3/8	-5/8	-6/8	-6/8	+5/8	-6/8							-1 ⁶
YARD BY YARD EXAMINATION																											
5. BROKEN MISSING YARN	3, 4, 4	3	4, 4	4, 4	4, 4, 4, 4	4, 2		4, 1		3	4, 4				4	4, 4, 4				4, 4							92
6. CUT, HOLE, TEAR		2		2				1			2		2						2								13
7. TIGHT PICK				4								4															12
8. COARSE PICK FILLING			4		3	4		3, 2	4		3		4				2	2	2, 4	4							41
9. SLUB, SLUG	1, 1, 1, 1	1, 1	1, 1, 1		1, 1, 1, 1	1, 1	1, 1, 1	1, 1	1, 1		1, 1	1, 1	1, 1	1	1, 1, 1	1, 1	1, 1, 1		1, 1								42
10. SHADE BAR FILLING BAR		4, 4			4	4	4					4							4								28
11. SCALLOPED SELVAGE						2													2								4
12. WRONG DRAW	4, 4, 4																										56
13.																											
14.																											
15. AVERAGE WIDTH IN INCHES	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"	45"						GRAND TOTAL 288
OTHER EXAMINATIONS (SHADE, PREPARATION FOR DELIVERY, ETC., AS APPLICABLE)																											
16. TOTAL DEFECTS PER ROLL	27	15	22	23	32	18	7	19	6	3	15	17	7	1	11	24	2	4	19	16							
17.																											

EXHIBIT I

CONTRACTOR EXAMINATION RECORD (YARD GOODS - ANSI-ASQC Z1.4 SAMPLING)

SECTION I

1. ITEM Cloth, Coated, Cotton, Vinyl Coated, Type I, Class 3		3. EXAMINATION DATE	
2. SPECIFICATION, DATE AND AMENDMENT NO. MIL-C-10799H			
4. NAME OF CONTRACTOR Ace Rubber and Coating Corp.		5. CONTRACT NO. SP0100-96-C-4110	6. LOT NO. 2
7. NAME OF PLAN Same		8. CONTAINER NO(S). - RANGE 104 to 231	
9. PLANT LOCATION Philadelphia, PA 19111		10. LOT SIZE (GROSS YARDS) 16,847 Yards	
11. TYPE OF LOT ORIGINAL		12. INSPECTION LEVEL II	
RESUBMITTED			

SECTION II, SAMPLING PLANS AND SUMMARY OF DEFECTS

EXAMINATION	SAMPLE SIZE	DEFECTS CATEGORY	AQL	ACCEPTANCE NUMBER	NUMBER OF DEFECTS FOUND	RESULTS		PROVISIONAL
						PASS	FAIL	
a.	b.	c.	d.	e.	f.	g.	h.	i.
1. YD BY YD	315 YDS	MAJOR	2.5	14	6	X		LOT ACCEPTED
2. YD BY YD	200 YDS	TOTAL	6.5	21	15	X		X
3. OVERALL	13 PCS	DEFECTS	N/A	0	0	X		
4. LENGTH	13 PCS	SHORT PC & TOTAL	N/A	0	0	X		LOT REJECTED
5. OTHER						X		

SECTION III

1. CONTAINER, PIECE OR ROLL NO.	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
2. YARDS MARKED																										TOTALS
3. YARDS FOUND																										
4. OVERAGE SHORTAGE																										

SECTION IV YARD BY YARD EXAMINATION

5. BLISTER																										
6.																										
7.																										
8.																										
9.																										
10.																										
11.																										
12.																										
13.																										
14.																										
15.																										
16.																										
17.																										
18.																										

OTHER EXAMINATIONS: (OVERALL, SHADE, PREPARATION FOR DELIVERY, AS APPLICABLE)

19.																										
20.																										

EXHIBIT J

INSTRUCTIONS FOR COMPLETION OF CONTRACTOR EXAMINATION RECORD

YARD GOODS - ANSI/ASQC Z1.4 SAMPLING

SECTION I

- Entry 1 - Complete Item Nomenclature
- Entry 2 - Applicable Specification, Amendments, etc. and Dates
- Entry 3 - Date Examination is Performed
- Entry 4 - Full Name Address of Prime Contractor
- Entry 5 - Self-Explanatory
- Entry 6 - Government Lot Numbering
- Entry 7 - Name of Plant where Examination is Performed
- Entry 8 - Range of Container Numbers in Lot
- Entry 9 - Address of Plant where Examination is performed
- Entry 10 - Number of Units in Lot
- Entry 11 - Self Explanatory
- Entry 12 - As Specified in Section 4 of Specification

SECTION II

- Entry Col a - List Examinations Performed
- Entry Col b - Sample Size for Examination Performed
- Entry Col c - Defect Category Applicable to Examination
- Entry Col d - AQLs
- Entry Col e - Acceptance Number from Inspection Plan
- Entry Col f - Number of Defects Found for Respective Examination
- Entry Col g, h, i - Indicate Evaluation of Inspection

SECTION III

Entry 1 - Indicate Container, Piece, or roll from which Inspection Sample is Taken

Entry 2, 3 - Self-Explanatory

Entry 4 - Prefix Difference with (+) for Overage and (-) for Shortage

SECTION IV

List all defects noted and the number in each sample unit examined.

PART III - GENERAL REQUIREMENTS

1. Unacceptable Lots:

Lots of components or end items found unacceptable shall be screened, repaired, reprocessed or replaced prior to submission/resubmission to the Government. If a waiver is desired, the contractor will present his written request through the Government Quality Assurance Representative (QAR) with copies of the testing and/or examination reports covering the nonconforming supplies. Such requests shall include corrective action which will preclude recurrence of the nonconformance.

2. Government Verification Samples:

The Government reserves the right to select and to retain all samples of end items and/or components without cost to the Government for purposes of conducting inspections to verify contractor's examinations and testing results. The Government's right to retain all samples is absolute, regardless whether or not destructive testing is performed on said samples. It is understood that the cost of all sampling has been included in the contractor's submitted bid price except where otherwise specified. Government verification samples of contractor furnished cloth will normally be selected at the supplier's finishing mills.

3. Government Reliance on Contractor Inspection and Quality Control:

The Government contemplates that the reliability of the contractor's inspection system will permit a timely reduction in the amount of verification to be performed by the Government. To this end, the Government has contracted herein for a reliable contractor inspection system. It is the expressed intent of the Government to be able to rely on such systems and reports of examinations and testing maintained by the contractor. The Government results of inspection shall be the standard against which the reliability of the contractor's inspection results will be judged. Notwithstanding whether Government verification indicates that supplies are acceptable, the failure of the contractor to perform examinations and tests properly and to present to the Government accurate reports of these inspections, or to install and maintain an effective and reliable inspection system acceptable to the Government, when required, may be deemed a failure to comply with contract requirements.

4. Responsible Authority as Applicable to ANSI/ASQC Z1.4:

Unless otherwise specified, the "responsible authority" as referenced in ANSI/ASQC Z1.4 is the Government contract quality assurance element administering the contract.

5. Material Inspection and Receiving Report (DD Form 250):

When sized items are shipped, the container numbers indicated will be annotated as to the size(s) contained therein. In addition, an indication will be made whether or not the lot contained in the shipment was verified.

6. Inspection Records:

The contractor's file of inspection records for this contract must be made available for review for a period of two years following delivery of the final lot of supplies.

7. First Article:

When First Article Samples are required and FAR Clause 52.209-4 and DPSC Clause 52.209-9P011 are applicable, the contractor's notification letter must be submitted to the Procuring Contracting Officer with a copy submitted to the cognizant quality assurance element of the Contract Administration Office.

8. Federal Supply Classifications:

The Federal Supply Classification (FSC) is defined by the first four numbers of the National Stock Number (NSN) identified in the delivery schedule of the contract.

PART IV. SPECIAL REQUIREMENTS

The following provisions apply to all contracts subject to this manual, except as otherwise specified in the individual provision below:

1. Control of Stitch Count:

The following is applicable to all contracts for embroidered items in FSCs 8345, and 8455:

- a. Master punchings produced from cartoons supplied with the item specification shall be subject to verification and approval by the Government Quality Assurance Representative (QAR). The contractor shall notify the resident QAR at least three working days in advance, and the itinerant QAR at least seven working days in advance, indicating the date punchings will be available and the location where they will be presented. Contractor shall arrange to have the following information indelibly applied to the beginning and end of each master punching: item nomenclature, name of contractor, name of master puncher, total stitches required and produced by this punching, and date of punching. Each meter of the punching must be numbered in sequence, including the final fraction of a meter (if any) at the end of the punching. A line must be drawn across the punching at the beginning and end of each color with the total number of stitches produced by this punching for that particular color indicated along the line marking the end. All numbering and line marking shall be made with indelible pencil or ball-point pen. All splices shall be subject to verification and approval by the QAR. The QAR shall assign a serial number to each one which shall then be used as a standard for reference.
- b. Repeat punchings shall be duplicated identically from the master punchings and shall be subject to verification and approval by the QAR prior to use under the contract.
- c. The contractor will furnish the QAR with a list of all its subcontractors producing insignia under this contract, the serial number of the punching assigned to each, a written schedule indicating when each punching will be placed on the embroidery machine, and written notice of any changes to the schedule.
- d. The contractor shall notify the resident QAR three working days prior to the time the sample span of the item produced from the master punching will be stitched and when the sample span has been received from the stitcher. The itinerant QAR requires seven working days notification. Items from this span shall not receive further processing until the QAR has selected and identified two pairs of insignia from the master punching and identified additional production samples. Identified production samples shall be delivered to the QAR after finishing the preliminary examination and evaluation.
- e. The QAR will be notified if an approved punching becomes unusable for any reason.
- f. Upon request, the contractor shall stop the embroidery machine to enable the QAR to assure that punching is properly metered, correct, and contains the required information.

2. Marking of Fabric Piece Number:

The following is applicable to all contracts for items in FSC 8305. The contractor, prior to presentation of the finished cloth shall mark the piece number on two locations on the back of the cloth, 10 to 12 inches from each outer end of the piece, on the selvage, or as close to the selvage as possible. The size of the marking shall be one half to one inch high, clearly legible and in any marking medium used by the textile trade for this purpose. The marking shall not show through on the face of the cloth.

3. Lot Numbering:

The contractor prior to presentation of each lot of finished items for Government acceptance, shall stamp legibly with indelible ink the Government lot number on each item and outer container in the lot except as provided hereafter, for specific items. For both leather and rubber footwear items, the Government lot number need only be stamped on each outer container in the lot. For items within FSCs 8345 and 8455 Government lot numbers shall only be stamped on the intermediate and exterior packs. The location and manner in which the lot number will be shown on each item shall be designated by the QAR. Discovery of illegible, incorrect, altered or missing lot numbers, either through sampling or 100% examination, may result in rejection of the lot. The acceptance criteria for both contractor end item examination and Government examination on lot numbering errors shall be as follows:

Lot Numbering Examination Acceptance Criteria

<u>Sample Size</u>	<u>Acceptance Numbers</u>	
	<u>Illegible/Incorrect/Altered</u>	<u>Missing</u>
32 or less	0	0
33 - 50	0	1
51 - 80	1	2
81 - 125	2	3
126 - 200	3	5
201 - 315	5	7
316 - 500	7	10
501 - 800	10	14
801 -1250	14	21

The marking will be designed to prohibit alteration or over stamping without visual evidence of this change. The following marking is acceptable:

01 -6- (8) 4 5

A single digit by itself or a single vertical line is unacceptable since this can be easily changed. The lot number on an item/container will not be altered without the knowledge and approval of the QAR. Should the entire contract quantity be presented for acceptance in a single lot, this lot numbering requirement is not applicable.

4. Lot Identification of Interior & Exterior Containers:

Inspection lot numbers are applicable and shall be stenciled or printed on the cartons in accordance with the current provisions of MIL-STD-129.

5. Identification Labels:

The following is applicable to all contracts for items in FSCs 8405, 8410 8415, 8420, 8440, 8445. Identification labels shall include the name of the contractor as stated in the contract. The size of the characters of the inscription and format shall not be larger than the contract number and shall be positioned at the bottom of the label. Where the contractor's name is required by specification, the label shall be in accordance with the specification requirements.

6. Lot Identification - Textiles:

The following is applicable to all contracts for items in FSCs 8305, and 8315. Inspection lot numbers shall be stamped on all piece tickets in the applicable block.

7. Toxicity Requirement: The contractor is responsible and must assure that all components are made from non-toxic materials. The government reserves the right to verify that components are non-toxic in accordance with the following:

a. Title 40, Code of Federal regulations, 1994 Edition

Section 798.4100 - Dermal Sensitization

Section 798.44700 - Primary Dermal Irritation

Section 798.4500 - Primary eye Irritation Marzulli, F. & H. Maibach, "Contact Allergy: Predictive Testing in Humans", Advances in Modern Toxicology, Volume 4, pp 353-372, 1977

b. As an alternative to animal and human testing, the contractor may provide information which certifies that components are composed of chemicals and/or materials which have been safely used commercially where prolonged skin contact has occurred.

8. Approved Finishes: The government no longer is responsible for publication of the list of approved finishes for textile goods. The contractor is responsible to assure that chemical substances used to finish textile goods are non-toxic in accordance with the above provisions. All chemical finishes previously approved by the government for textile items do not require recertification or approval for use. Any substances not previously approved by the government, or significant changes in existing products shall require verification testing by U.S. Army Testing Command, Aberdeen Proving Grounds, Edgewood, MD. All finishes shall be identified and accompanied by the appropriate Material Safety Data Sheet (MSDS) information/EPA rating to verify compliance with paragraph 7 above before use.